

Ezra Piyachanokwong

QA Engineer

Bangkok, Thailand

Email: ezrapiya.th@gmail.com | Phone: 091-009-9427

Website: <https://with-ezra.com>

Nationality: Thai

Professional Summary

Results-driven QA Engineer with hands-on experience in web and API automation testing using Robot Framework and Postman. Proven ability to develop and execute automated test frameworks, validate backend data with SQL, and integrate testing into CI/CD pipelines using GitHub Actions.

Recently explored AI-assisted testing by integrating LLMs (Gemini) with n8n and Agentic RAG (Retrieval-Augmented Generation with AI) using PostgreSQL as a vector database to automate test data generation from unstructured files. Adept at creating scalable and reusable test scenarios, collaborating with development teams, and ensuring high-quality software delivery in fast-paced environments.

Skills

- **Test Automation:** Robot Framework, Postman, Newman
- **Programming Languages:** JavaScript, TypeScript (basic)
- **Test Frameworks:** Robot Framework
- **CI/CD Tools:** GitHub Actions, Postman Collection Runner
- **Database:** PostgreSQL, SQL (data validation & integrity), Vector DB (RAG)
- **AI/LLM Integration:** n8n, Gemini LLM, and Agentic RAG (Retrieval-Augmented Generation with AI)
- **Bug Tracking & Project Management:** Jira, ClickUp
- **Testing Techniques:** Manual Testing, Black-box Testing, Regression Testing, E2E Testing, Functional Testing
- **Other Tools:** Git, VSCode

Professional Experience

QA Engineer

Lotus's (PRTR Outsource) | Jan 2026 – April 2026

- Designed and executed comprehensive test scenarios for API features.
- Performed database validation using OracleDB to ensure backend data accuracy.

- Collaborated with cross-functional teams to triage and resolve defects using Jira.

QA Engineer

Ascend nano | Sep 2025 – Nov 2025

- Designed and executed comprehensive test scenarios for API features.
- Implemented automated API testing using Robot Framework and integrated with GitHub Actions for scheduled CI pipelines.
- Conducted E2E testing with Robot Framework, improving coverage and reducing manual effort.
- Performed database validation using MySQL to ensure backend data accuracy.
- Collaborated with cross-functional teams to triage and resolve defects using Jira.

QA Engineer

Central Food Wholesale | Mar 2024 – Aug 2025

- Designed and executed comprehensive test scenarios for web and API features.
- Implemented automated API testing using Postman and integrated with GitHub Actions for scheduled CI pipelines.
- Conducted E2E testing with Playwright for UI workflows, improving coverage and reducing manual effort.
- Performed database validation using PostgreSQL to ensure backend data accuracy.
- Built a test data generation tool using n8n, Gemini LLM, and RAG to process inputs from PDF, Excel, CSV, and TXT.
- Collaborated with cross-functional teams to triage and resolve defects using Jira.

QA Engineer

Principal Healthcare | Feb 2023 – Mar 2024

- Designed and executed comprehensive test plans and test cases to ensure the quality and accuracy of data across multiple systems and databases.
- Utilized SQL queries to validate multi-system data consistency.
- Integrated test execution with QA reporting workflows and tracked defects through Jira.
- Worked closely with development teams to communicate test results, provide feedback, and assist in resolving issues.

QA Engineer & Junior Developer

Chococard Enterprise | Jun 2022 – Feb 2023

- Conducted Black-box, GUI, Functional, and Regression testing for web

applications.

- Created detailed manual test plans and executed both frontend and backend tests.
- Logged issues and supported root cause analysis in collaboration with developers.

Projects

AI-Powered Test Data Generation with LLM (Gemini) + n8n + Agentic RAG

- Designed a test data generation workflow using n8n and Gemini LLM.
- Implemented RAG with PostgreSQL as a vector database to ingest and query PDF, Excel, CSV, and TXT files.
- Applied the solution to automate and enrich API test datasets for QA processes.

API Test Automation Pipeline (Postman + GitHub Actions)

- Built an automated API testing setup using Postman Collections, Newman CLI, and GitHub Actions.
- Scheduled nightly runs to validate API health and regression scenarios.

Pytest Framework (Personal Project)

- Designed a reusable API test framework using Python and Pytest.
- Focused on code modularity, maintainability, and reporting.
- GitHub: github.com/ezra31448/PyTestify

Education

Bachelor of Science (B.Sc.), Digital Technology for Design

Silpakorn University | Graduated: 2018

Languages

- Thai (Native)
- English (Read and Write)